



ATTY DKT. No.: AMAT/2640.Y2/SYNX/SYNX/JB1
U.S. SERIAL No.: 09/874,550
FILED: JUNE 4, 2001
APPLICANT: APPLIED MATERIALS
TITLE: SINGLE WAFER LOAD LOCK WITH INTERNAL WAFER
TRANSPORT
INVENTOR: KROEKER

CONF. No.: 6635

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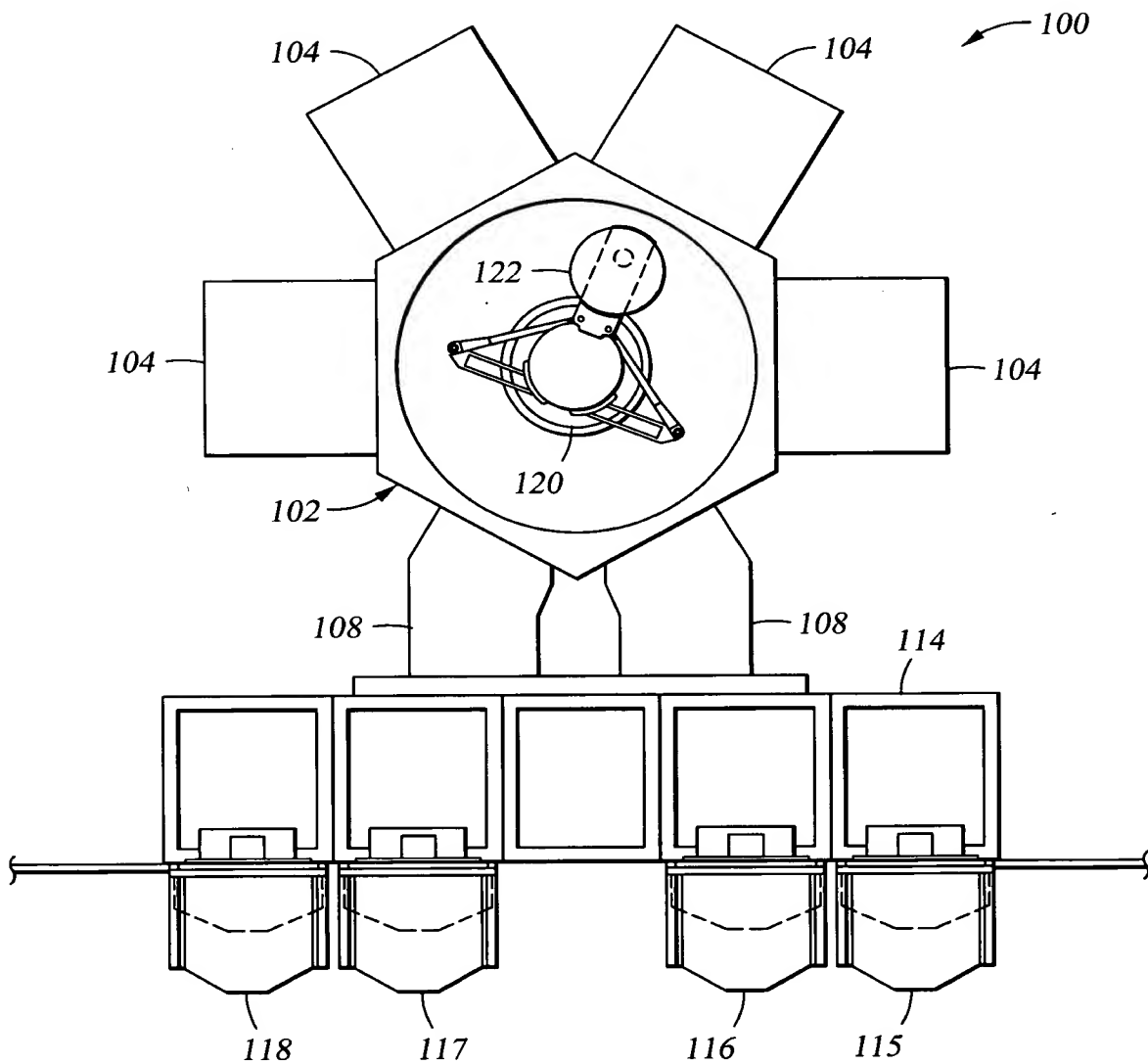
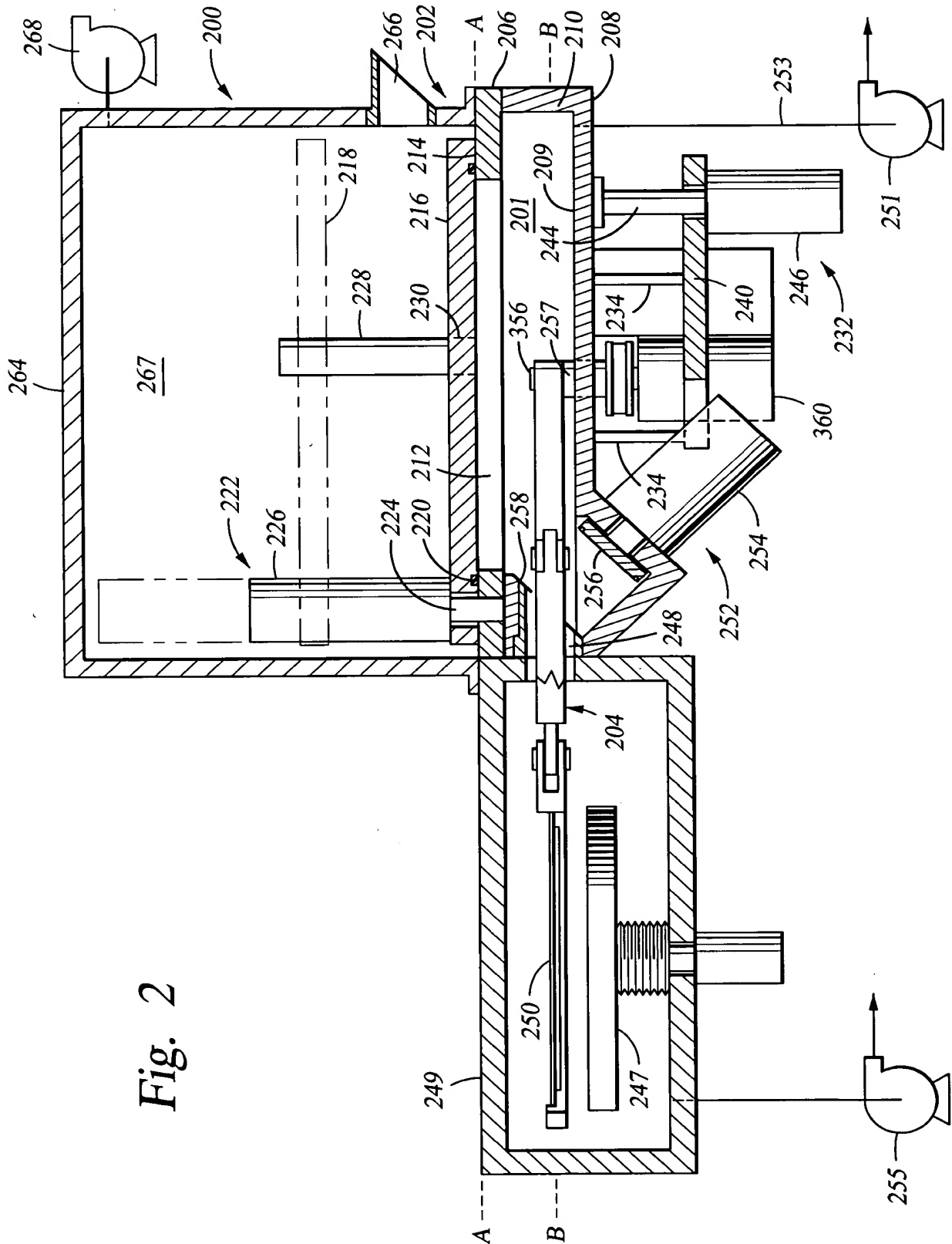
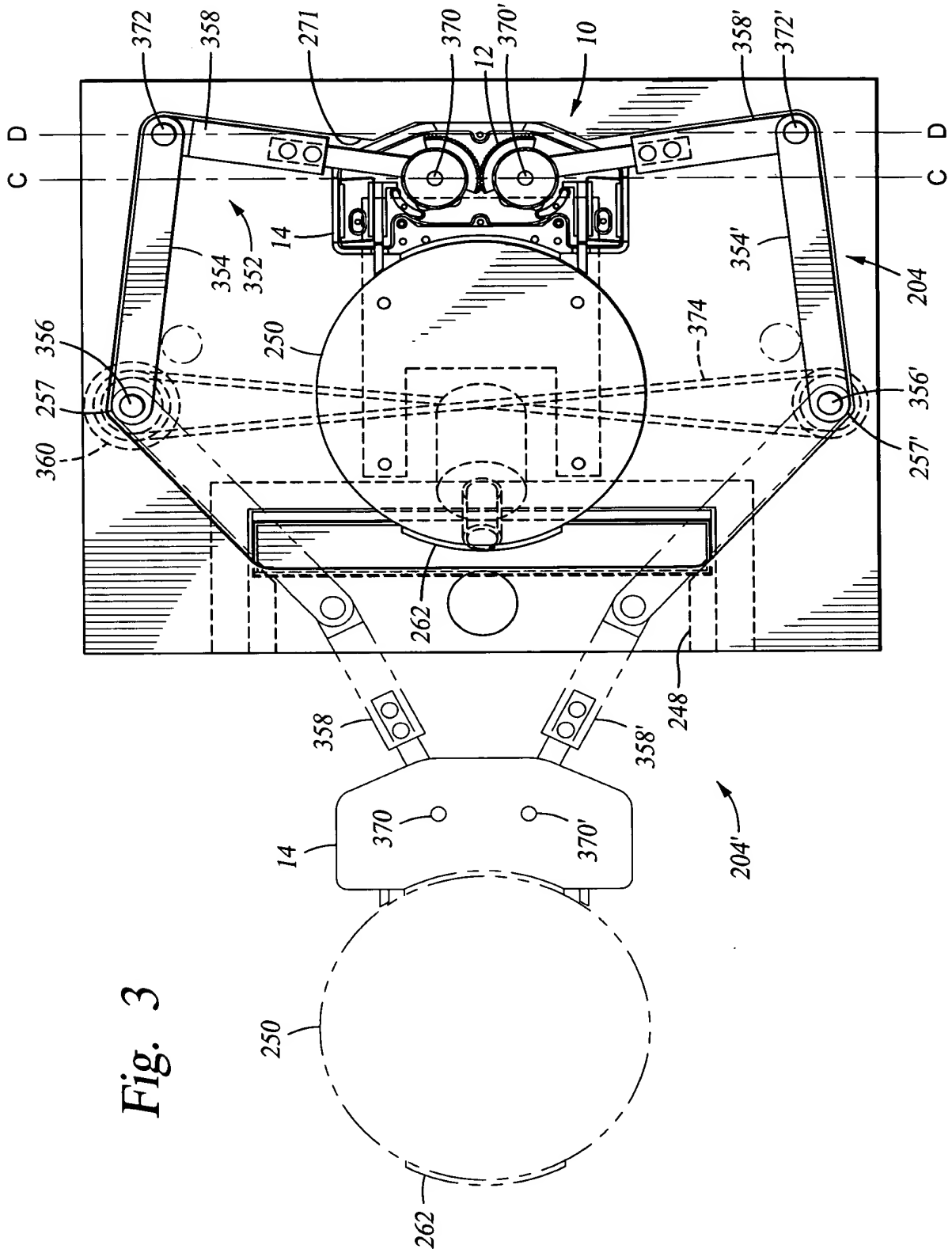


Fig. 1
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Fig. 4A

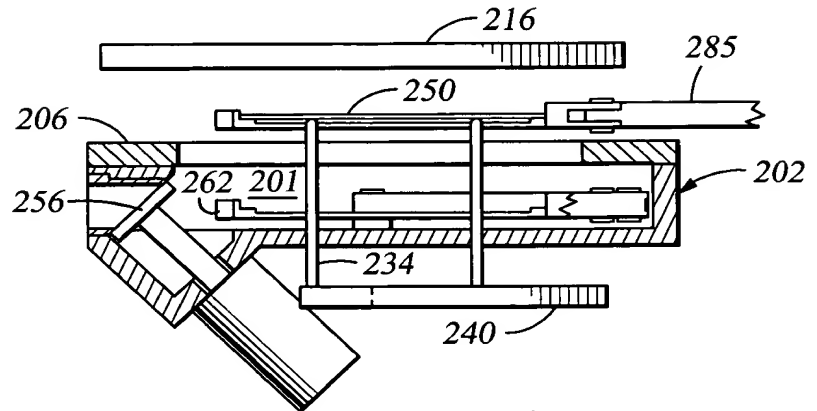


Fig. 4B

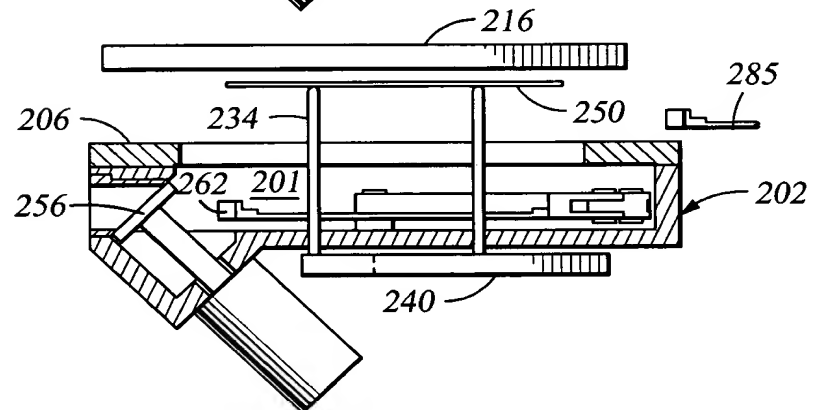
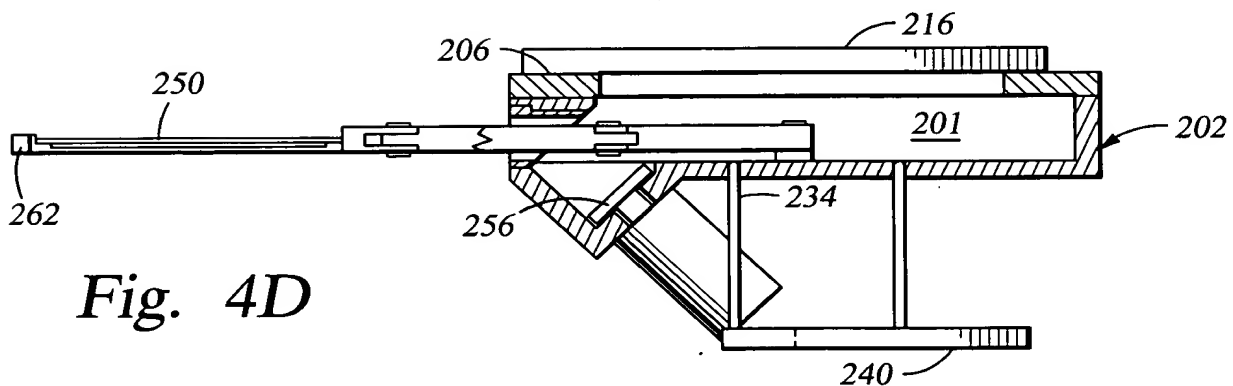
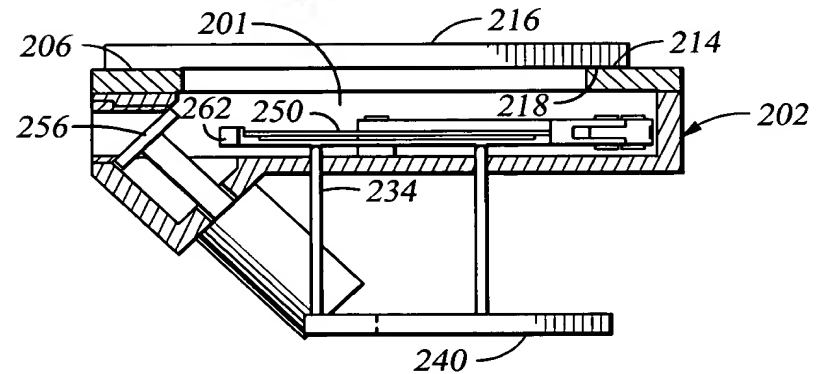
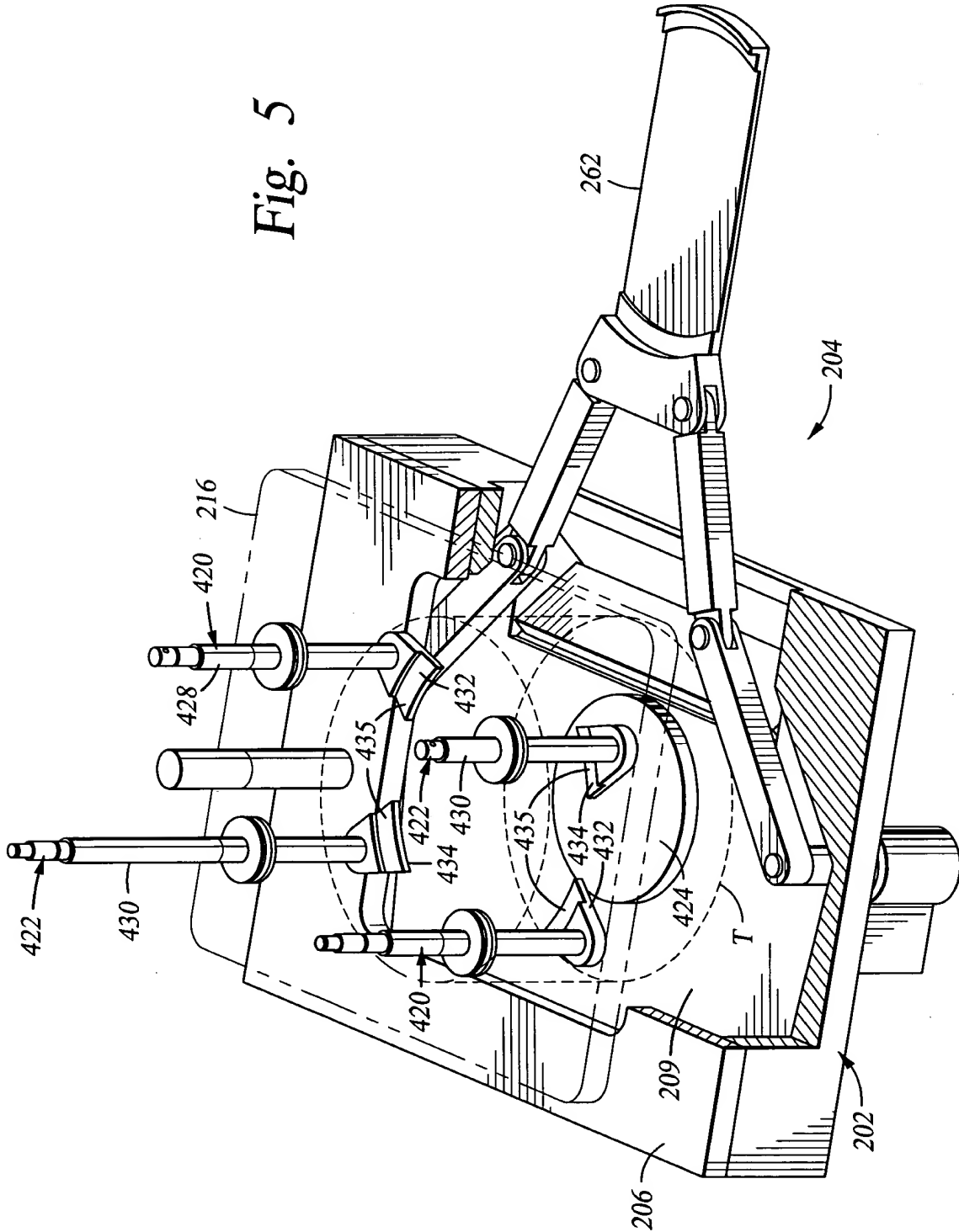


Fig. 4C



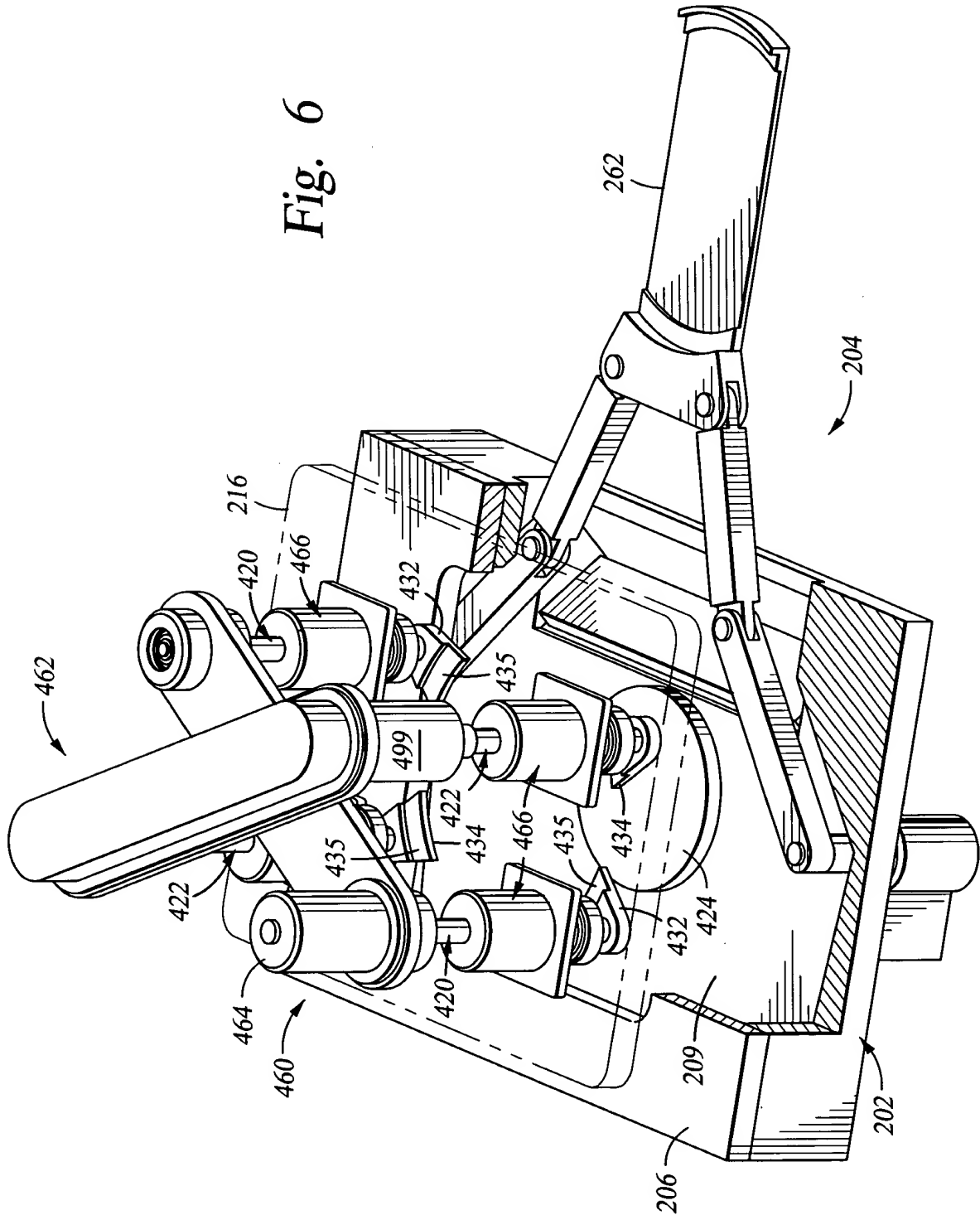
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Fig. 5



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Fig. 6



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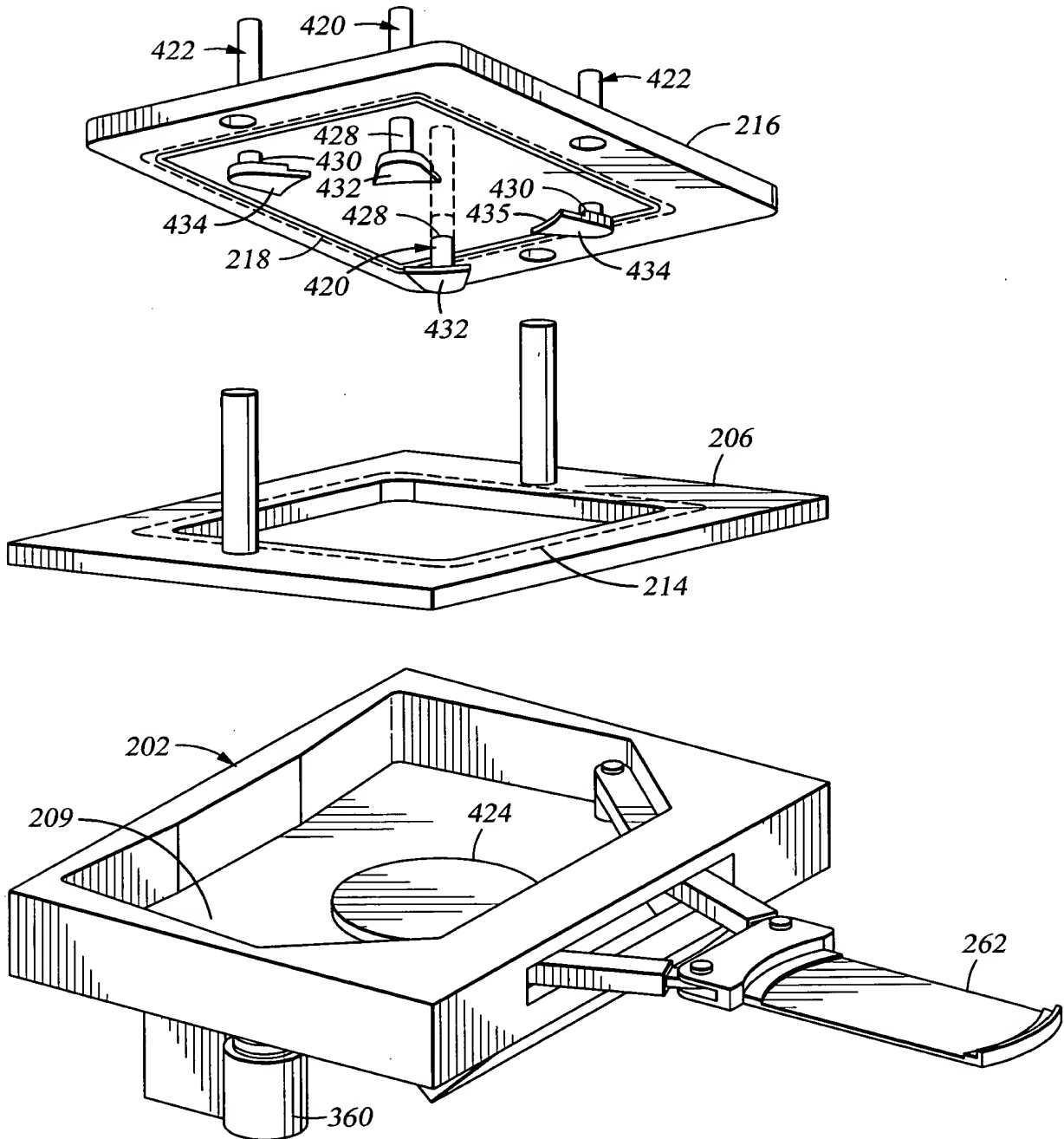
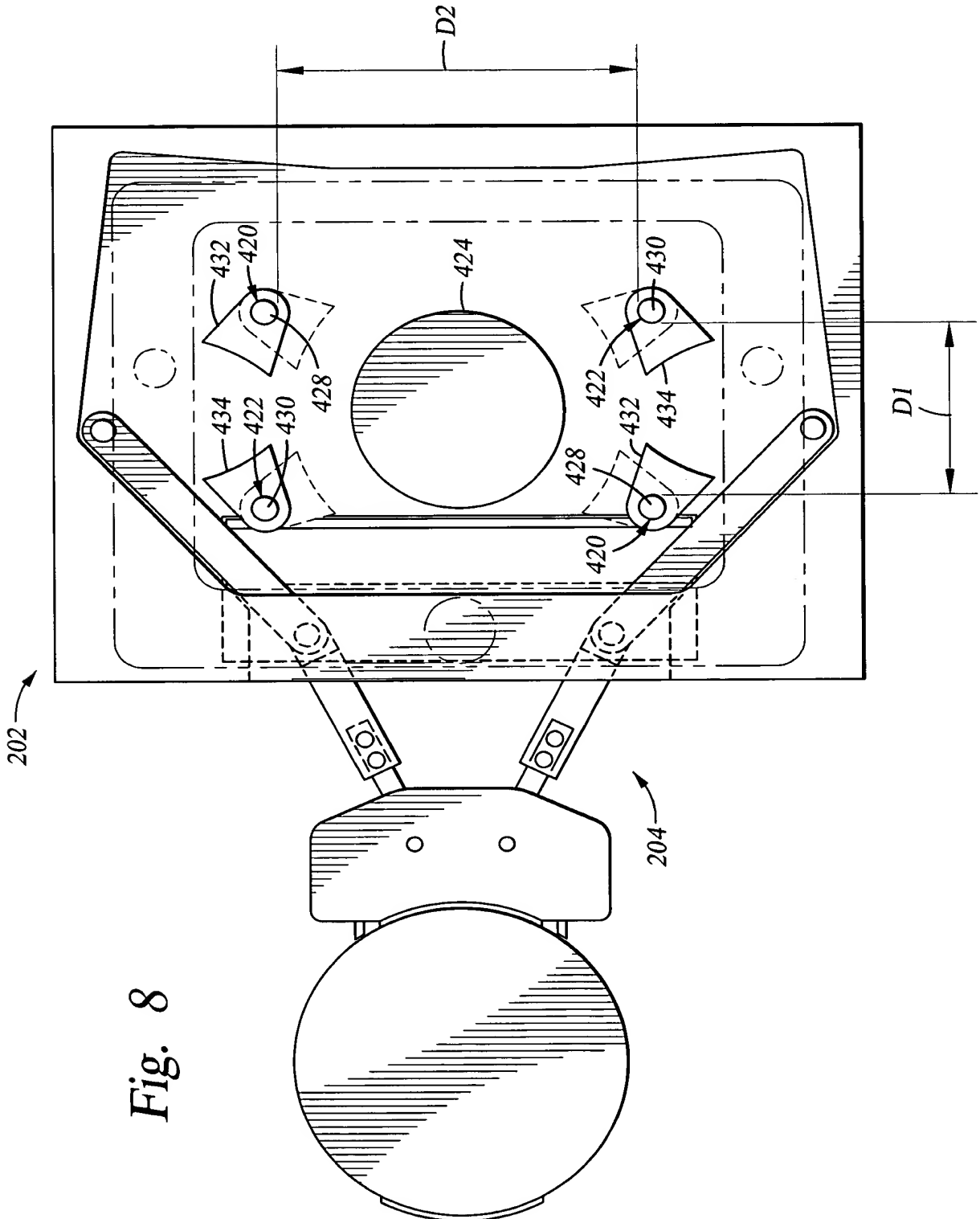


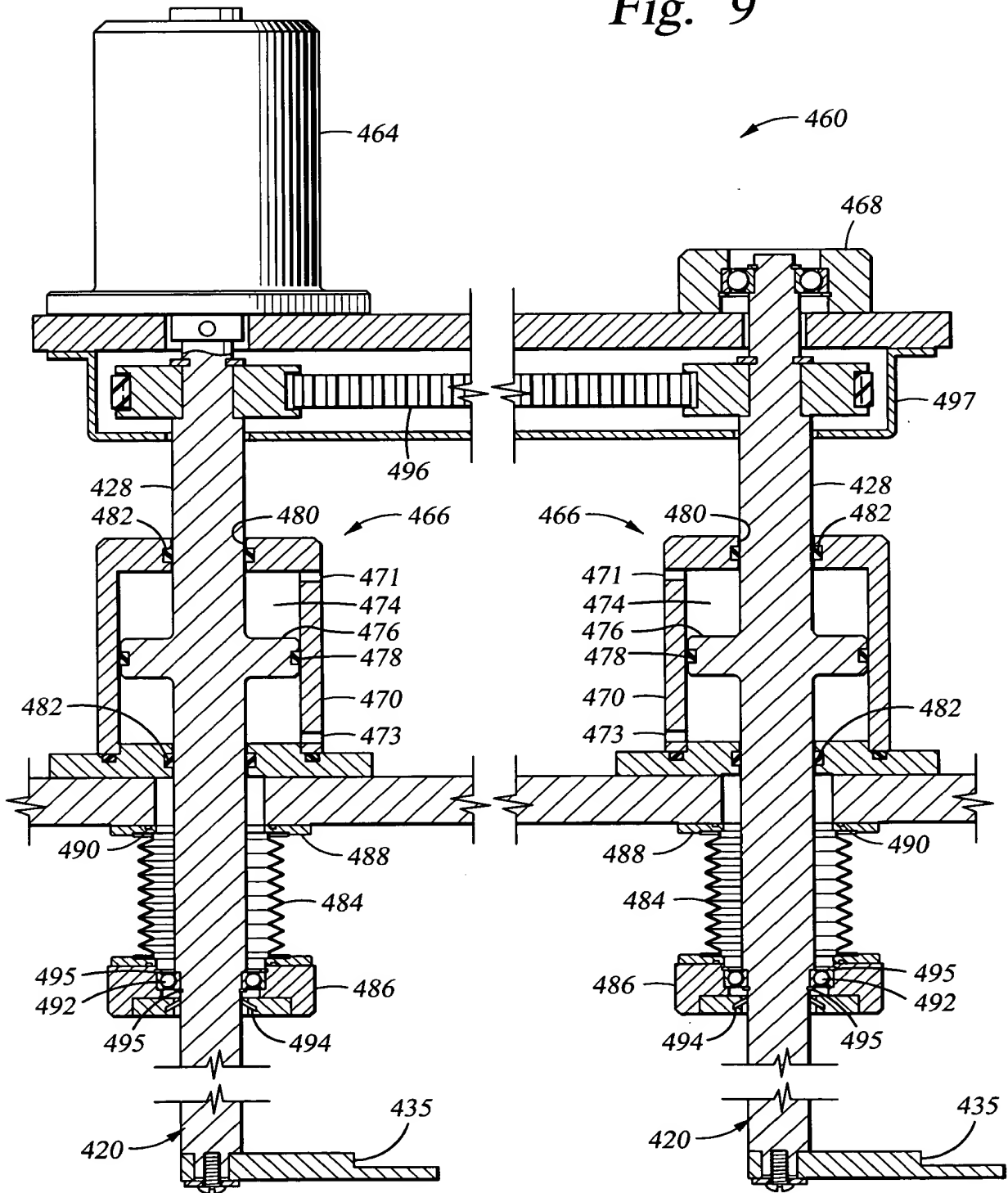
Fig. 7

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Fig. 9



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Fig. 10A

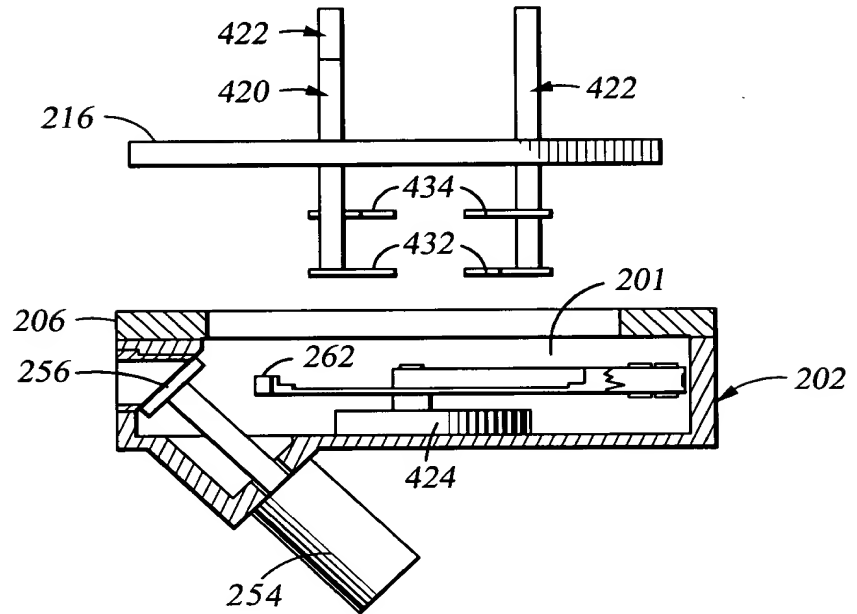
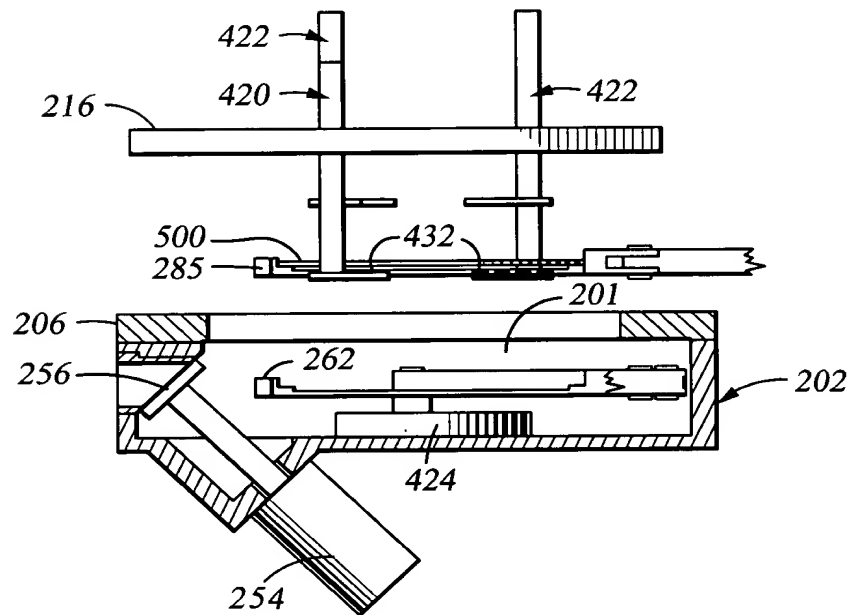
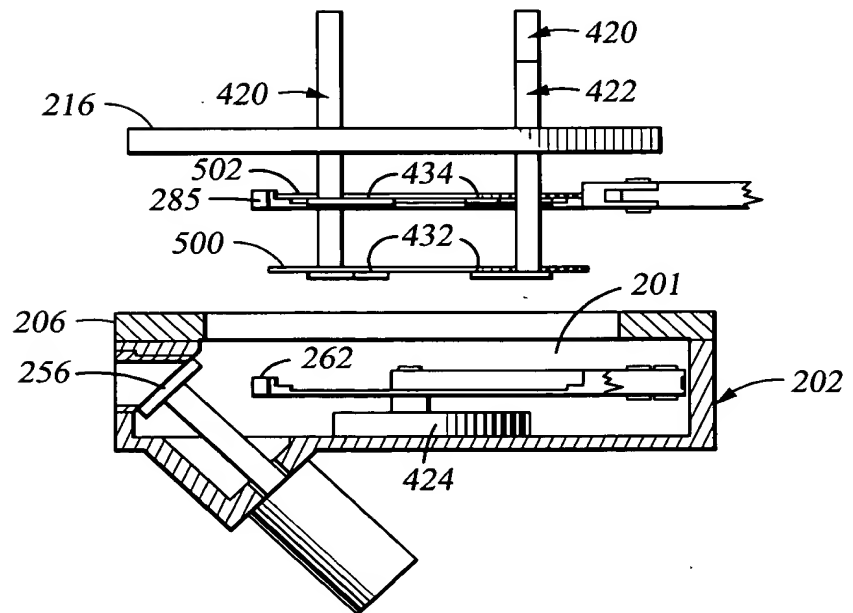
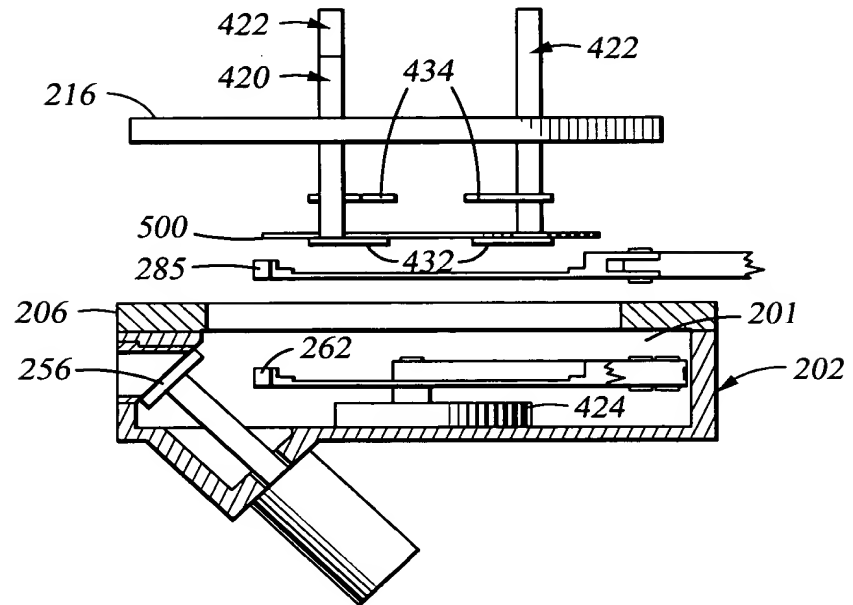


Fig. 10B



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Fig. 10E

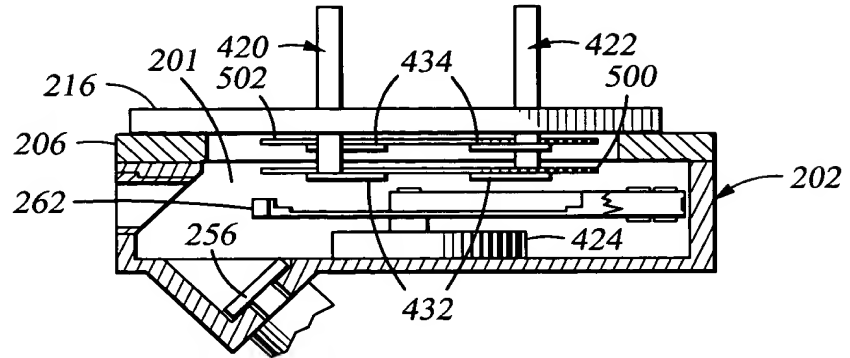


Fig. 10F

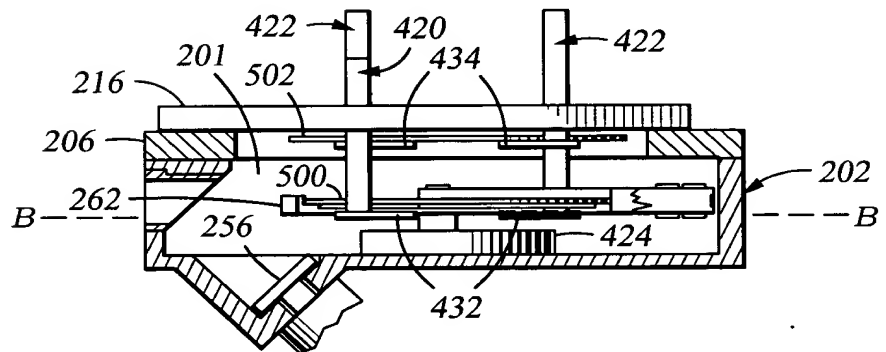
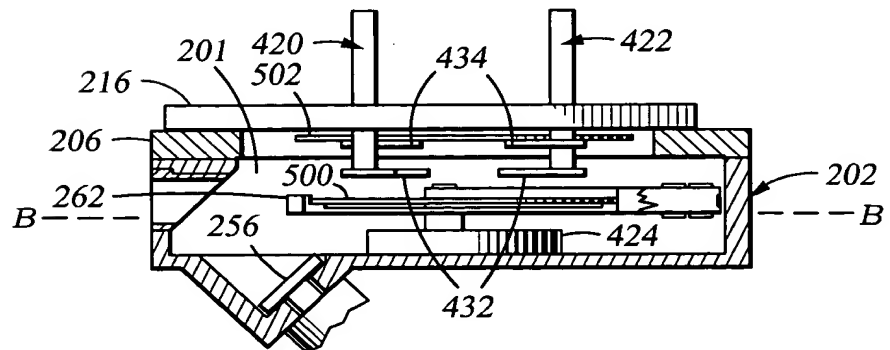


Fig. 10G



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Fig. 10H

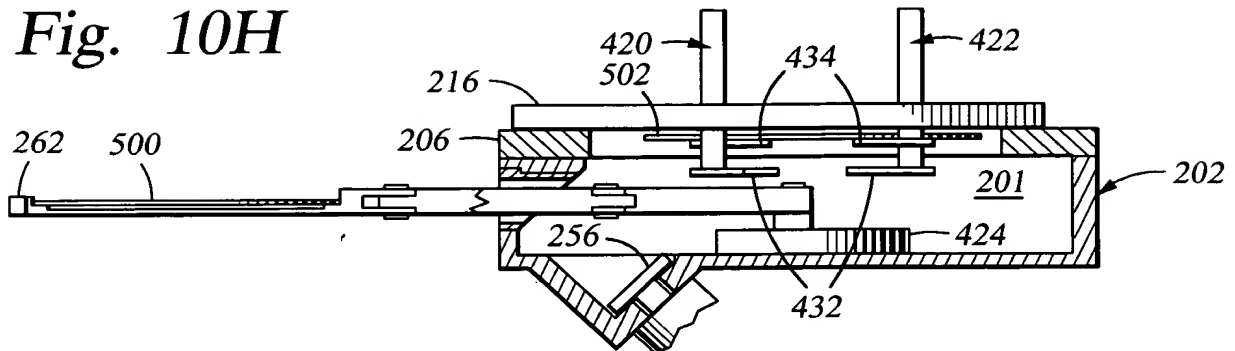


Fig. 10I

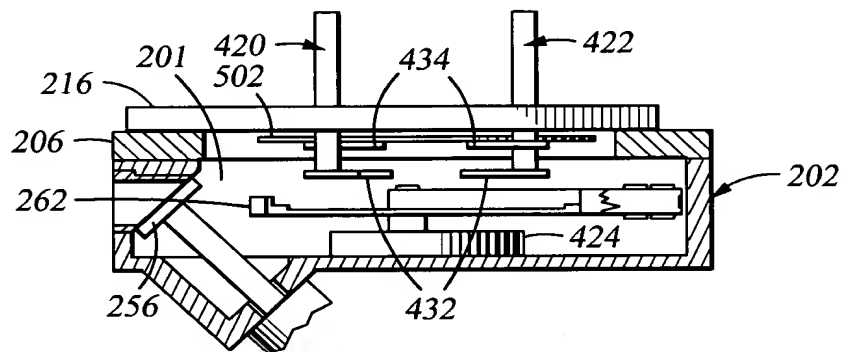


Fig. 10J

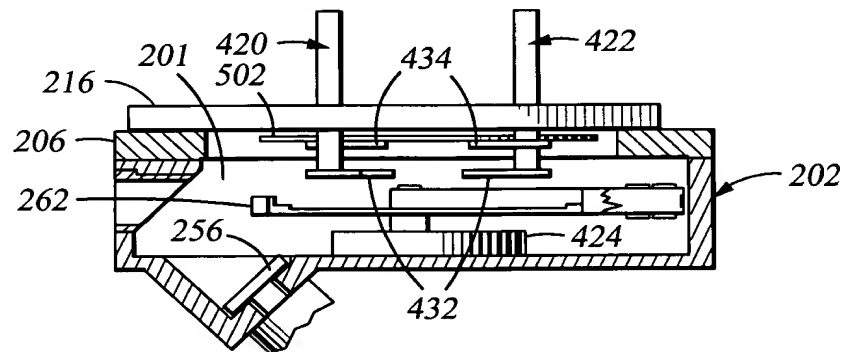
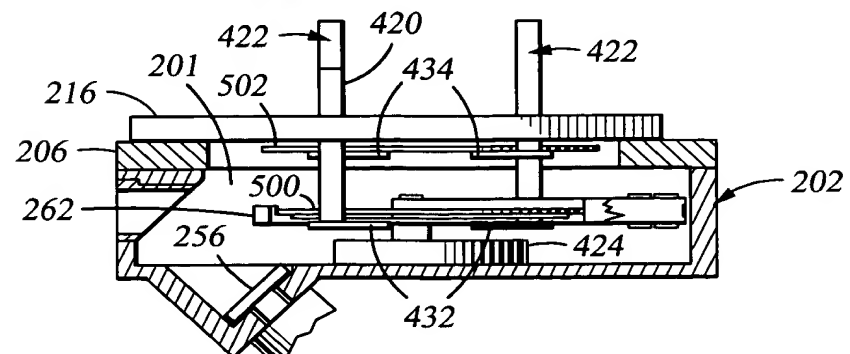


Fig. 10K



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Fig. 10L

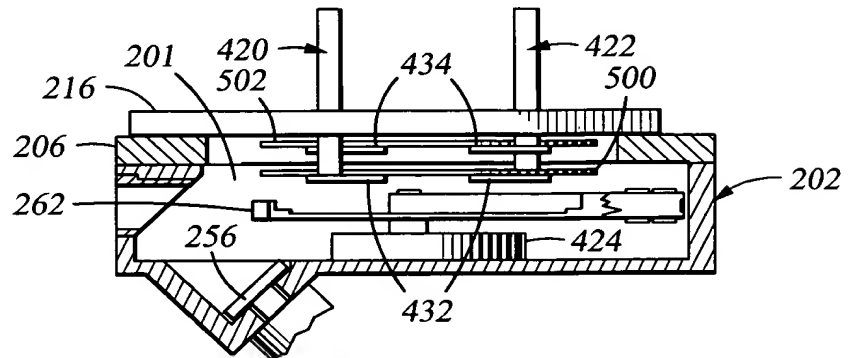


Fig. 10M

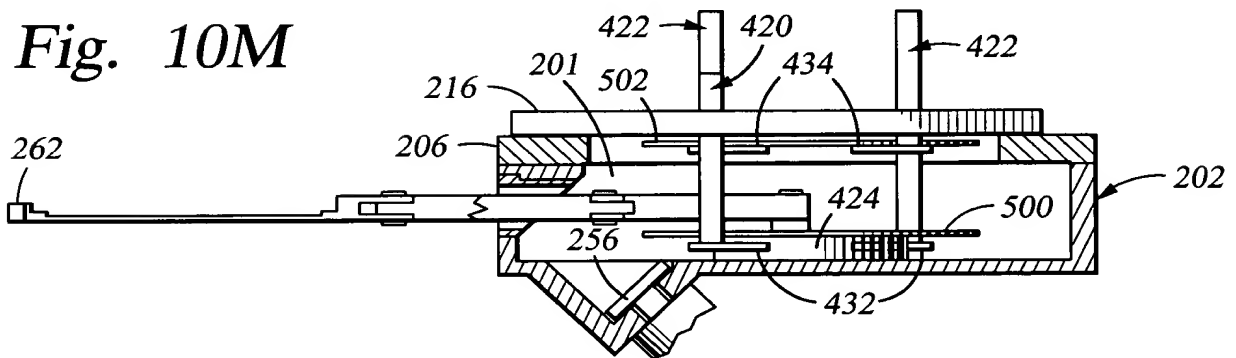


Fig. 10N

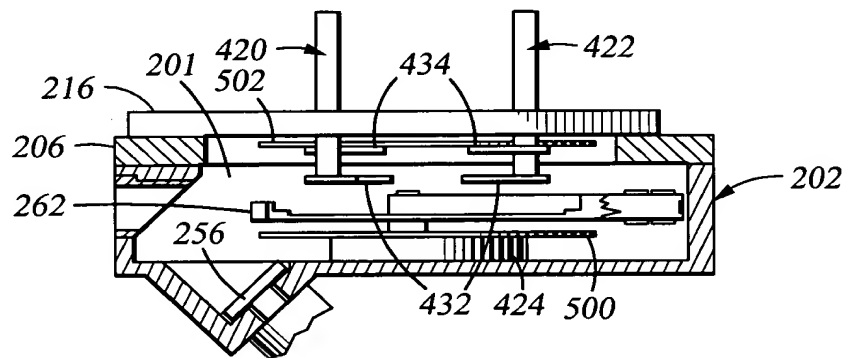
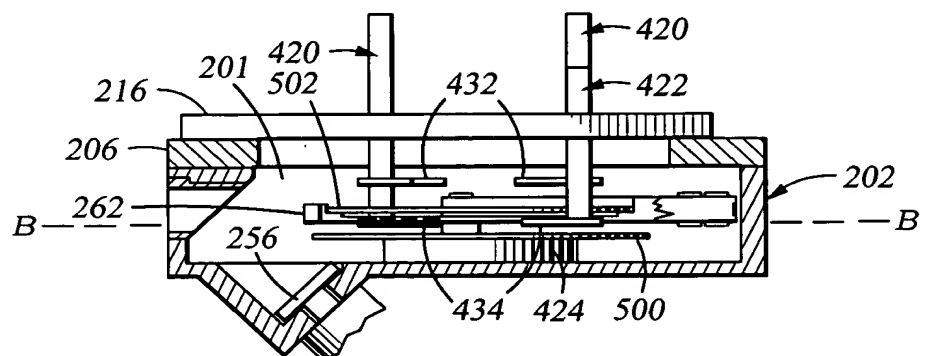


Fig. 10O



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Fig. 10P

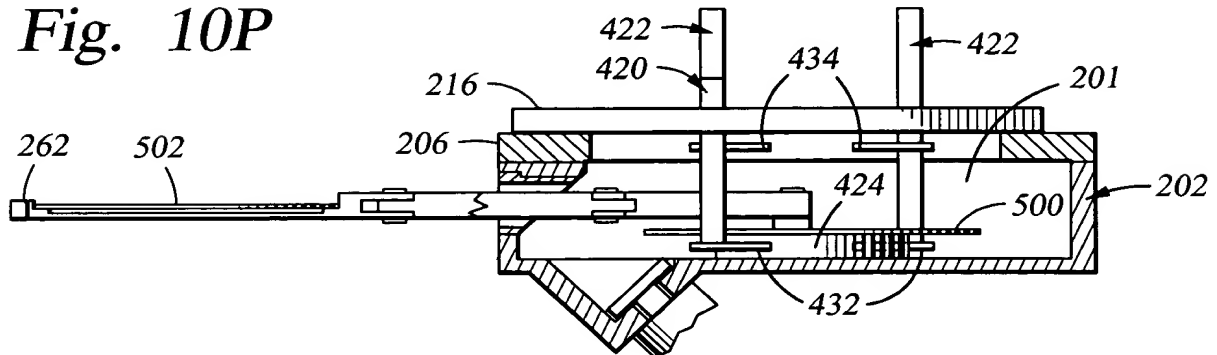


Fig. 10Q

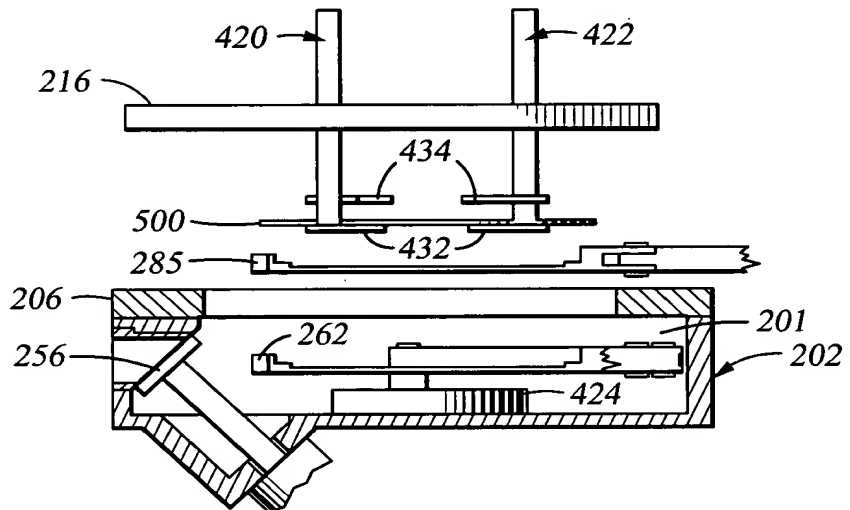
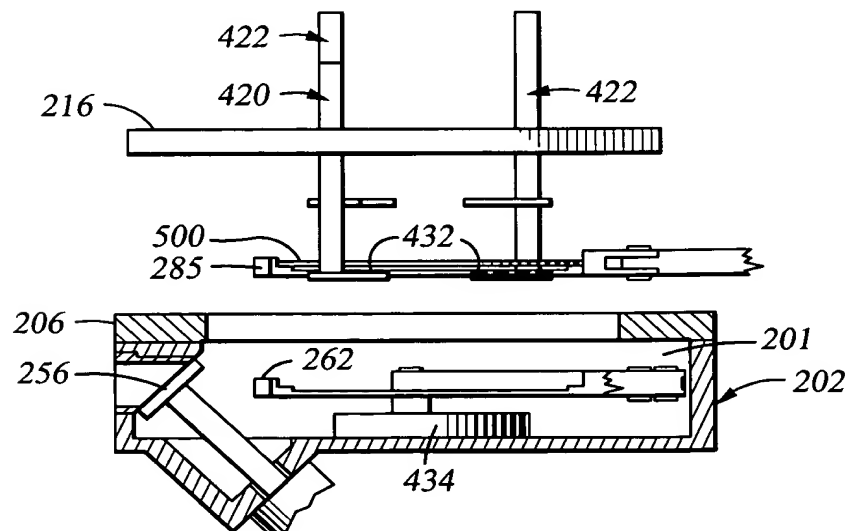
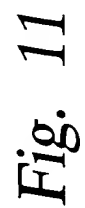


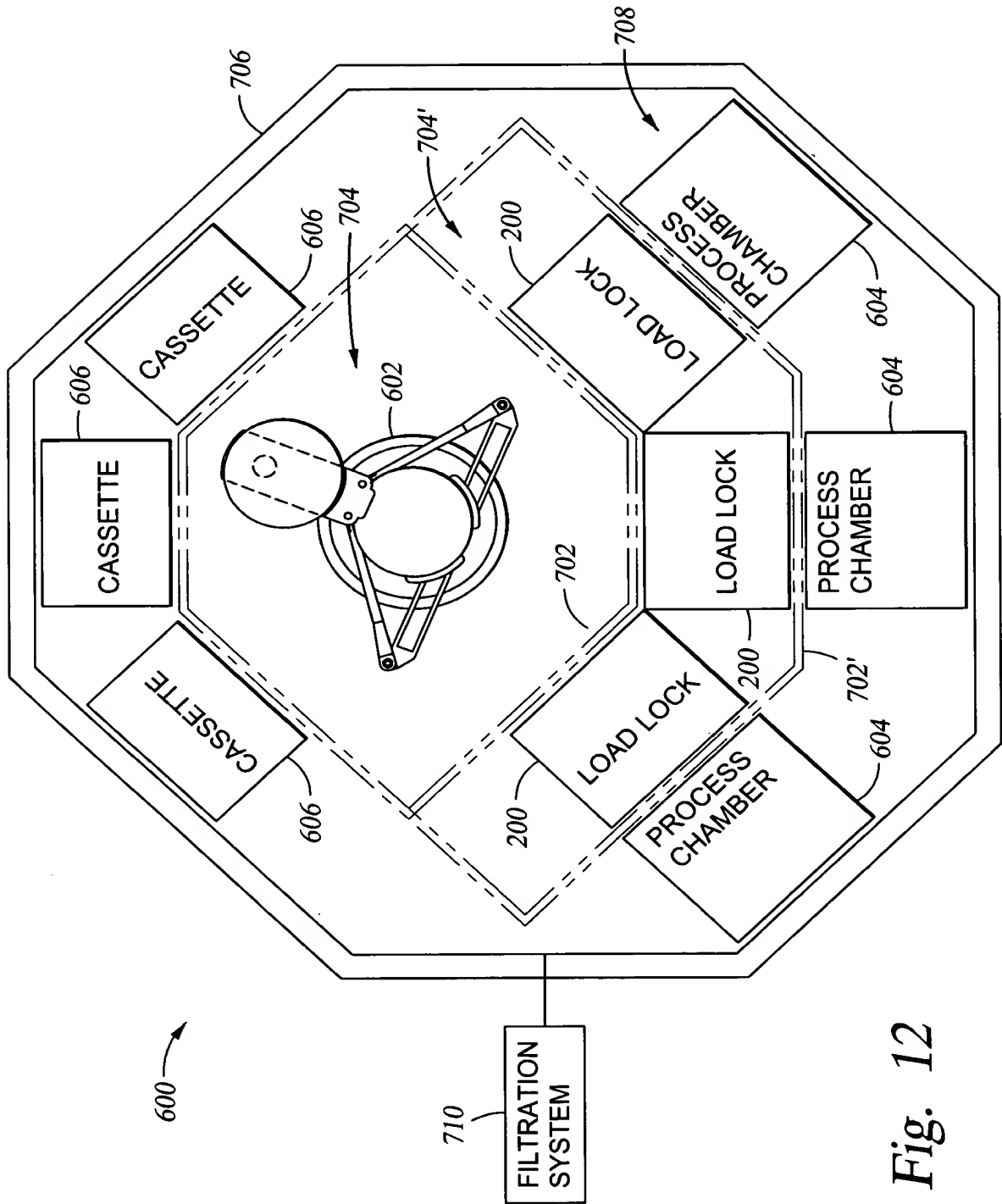
Fig. 10R



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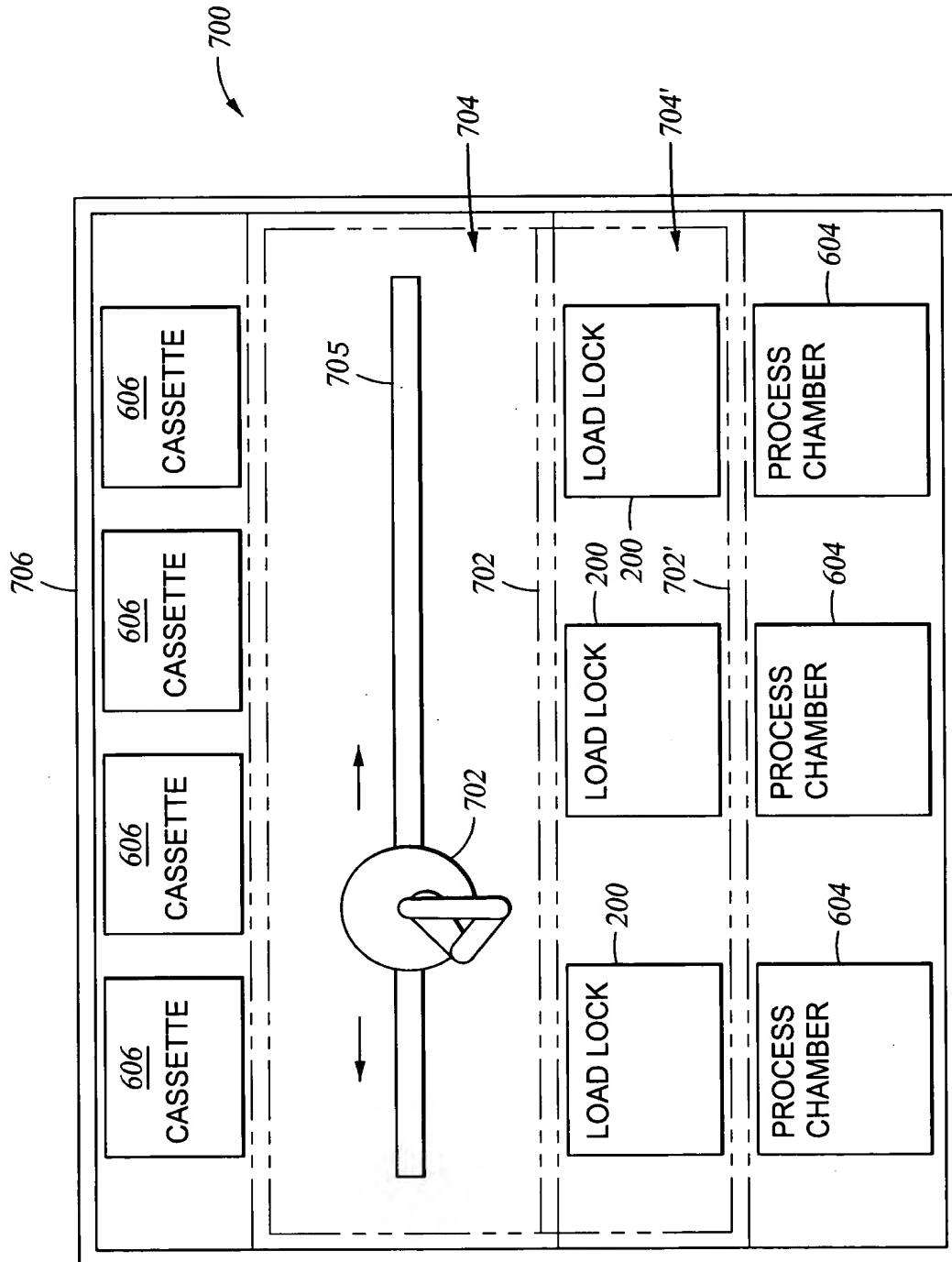


Fig. 13